

Abstract of the Disclosure

A method of correcting refractive error in an eye, comprising the steps of marking at least one axis on the surface of the cornea. A portion of the cornea is then separated, forming a first anterior facing surface and a second posterior facing surface. An inlay having at least one axis indicated on the surface thereof is positioned between the first and second surfaces, and the at least one axis on the inlay is aligned with the at least one axis on the surface of the cornea. This results in precise positioning and orientation of the inlay and thus correction of astigmatic error in the cornea.